

# Contents

Foreword .....	vii
Preface .....	ix
<b>1 Ultrasound Scanning of the Female Pelvis: Normal Findings.....</b>	1
Introduction .....	1
Pelvic Wall Structures .....	1
Nonreproductive Organs .....	1
Reproductive Organs .....	3
References .....	7
<b>2 Ultrasound for Differential Diagnosis of Adnexal Masses.....</b>	9
Introduction .....	9
Pattern Recognition.....	9
Scoring Systems .....	10
Simple Rules.....	10
Logistic Regression Models .....	12
Reporting Ultrasound Findings of Adnexal Masses.....	12
Other Imaging Techniques for Differential Diagnosis of Adnexal Masses.....	13
Ultrasound-Based Imaging Techniques .....	13
Other Imaging Techniques .....	15
References .....	16
<b>3 Ultrasound Features of Ovarian Malignancies.....</b>	17
Introduction .....	17
Borderline Tumors.....	17
Primary Epithelial Invasive Ovarian Carcinoma.....	18
Primary Nonepithelial Ovarian Malignancies.....	19
Dysgerminoma .....	20
Sertoli Cell Tumors .....	20
Granulosa Cell Tumors .....	21
Other Nonepithelial Ovarian Tumors .....	21
Metastatic Tumors to the Ovary.....	22
References .....	23
<b>4 Ultrasound Assessment of Intra-Abdominal Spread of Ovarian Cancer .....</b>	25
Introduction .....	25
Computed Tomography (CT) Scan .....	25
Magnetic Resonance Imaging (MRI) .....	25
Positron Emission Tomography (PET).....	26
Ultrasound .....	26
References .....	29
<b>5 Ultrasound Features of Endometrial Cancer .....</b>	31
Introduction .....	31
Ultrasound for Diagnosing Endometrial Cancer .....	31
Ultrasound Features of Endometrial Cancer .....	35
References .....	36
<b>6 Ultrasound Features of Uterine Sarcomas .....</b>	39
Introduction .....	39
Ultrasound Features of Uterine Sarcomas .....	39
Ultrasound Features of Uterine LMS .....	39

Ultrasound Features of EES.....	40
Other Imaging Techniques for the Diagnosis of Uterine Sarcomas .....	42
References .....	43
<b>7 Ultrasound Assessment of Locoregional Spread of Endometrial Cancer.....</b>	<b>45</b>
Introduction .....	45
Ultrasound for Assessing Myometrial and Cervical Infiltration in Endometrial Cancer.....	45
Two-Dimensional Ultrasound .....	45
Three-Dimensional Ultrasound .....	49
Other Imaging Techniques.....	49
References .....	49
<b>8 Ultrasound Features of Uterine Cervical Cancer .....</b>	<b>51</b>
Introduction .....	51
Ultrasound Features of Uterine Cervical Cancer .....	51
Ultrasound for Assessing Locoregional Spread of Cervical Cancer .....	52
Tumor Size and Stromal Invasion .....	52
Parametrial Infiltration.....	53
Ultrasound for Assessing Treatment Response in Locally Advanced Cervical Cancer .....	57
References .....	57
<b>9 Ultrasound Features of Gestational Trophoblastic Disease .....</b>	<b>61</b>
Introduction .....	61
Hydatiform Mole .....	61
Gestational Trophoblastic Neoplasia.....	63
The Role of Doppler Ultrasound in GTD .....	65
Role of Other Imaging Techniques for Assessing GTD .....	65
References .....	65
<b>10 Ultrasound-Guided Procedures in Gynecologic Oncology .....</b>	<b>67</b>
Introduction .....	67
Tru-Cut Biopsy.....	67
Fine Needle Aspiration (FNA) Biopsy.....	68
Drainage .....	68
Other Ultrasound-Guided Procedures .....	69
References .....	69
<b>11 Ultrasound in Vulvar and Vaginal Cancer.....</b>	<b>71</b>
Introduction .....	71
Role of Ultrasound in Vulvar Cancer.....	71
Role of Ultrasound in Vaginal Cancer .....	73
References .....	76
<b>Index.....</b>	<b>79</b>